

METHOD AND SYSTEM FOR TESTING ALGORITHM COMPLIANCY

ABSTRACT

The present invention relates to an algorithm for ensuring compliancy of an algorithm module when integrated in a real time software system. The compliancy tests
5 may include a memory test, interrupt test, latency test and other tests, as well as combinations thereof. An inventive aspect of the present invention relates to a unit test harness for verifying that a software algorithm module meets performance and functional requirements when integrated in a complete real-time software system. A software algorithm module eliminates or reduces unwanted behavior by the caller or other
10 software on a real-time software system due to incorrect operations, which may involve interrupts, memory usage, register usage and/or other factors.